This four year guide is a recommended semester-by semester plan of study for this major. All four year guides are meant as examples of how a degree can be completed in four years. Individual plans will be developed for each student in consultation with the academic advisor. Prior credit, course availability, and student needs must be considered in developing the individual plan.

Shaded areas of guide require special attention.

Course Subject and Title	Credit Hours	Min. Grade Required	Included in Major GPA	Important Notes POS = Program of Study
Semester One: [15-16 Credit Hours]				
RC 1000	3			May take in fall or spring semester of first year
Liberal Studies Experience Course 1	3			HS or LS or FA or SS Designation
MAT 1110	4	C-	X	Also meets **Gen Ed Quantitative Literacy** requirement; Minimum C- required as prerequisite to MAT 1120
PHY 1123/1113 or 1170/1160	4-5	C-		Also counts in **Gen Ed Science Inquiry** requirement; Minimum C- required as prerequisite to PHY 2010 in Semester Three
Gen Ed Wellness Literacy Course	1			
Semester Two: [15-16 Credit Hours]				
UCO 1200	3			May take in fall or spring semester of first year
MAT 1120	4	C-	X	
PHY 1124/1114 or 1180/1161	4-5	C-		Also counts in **Gen Ed Science Inquiry** requirement; Minimum C- required as prerequisite to PHY 2020 in Semester Four
Integrative Learning Experience Course 1	3			
Gen Ed Wellness Literary Course	1			
Semester Three: [14 Credit Hours]				
RC 2001	3			May take in fall or spring semester of sophomore year
MAT 2130	4		X	
MAT 2240	3		X	
PHY 2010	4	C-	X	Minimum C- required as prerequisite to PHY 2020 in Semester Four
Semester Four: [14 Credit Hours]				
MAT 2110	4		X	
MAT 3130	3		X	
PHY 2020	4		X	
Integrative Learning Experience Course 2	3			HS or LS or FA or SS Designation
Semester Five: [15 Credit Hours]				
MAT 3110 or 3220	3		X	**[WID] Writing in the Discipline**
MAT 2310	3		X	Offered Fall semester only
Required PHY Elective at 2000+ Level	3		X	
Integrative Learning Experience Course 3	3			HS or LS or FA or SS Designation
Liberal Studies Experience Course 2	3			

This four year guide is a recommended semester-by semester plan of study for this major. All four year guides are meant as examples of how a degree can be completed in four years. Individual plans will be developed for each student in consultation with the academic advisor. Prior credit, course availability, and student needs must be considered in developing the individual plan.

Shaded areas of guide require special attention.

Course Subject and Title	Credit Hours	Min. Grade Required	Included in Major GPA	Important Notes POS = Program of Study
Semester Six: [16 Credit Hours]				
MAT 4310	3		X	Offered spring semester only
STT 3850	4		X	
PHY or TEC Approved Elective	3		X	Must be approved by advisor; As needed to bring total in **Physical Science Concentration** to 24 hours
Liberal Studies Experience Course 3	3			HS or LS or FA or SS Designation
Free Elective	3			
Semester Seven: [16 Credit Hours]				
MAT 4040	1		X	**[CAP] Capstone;** The capstone course has a co-requisite of concurrent enrollment in an associated 4000 level course chosen from the Depth Requirements or Major Electives
Depth Requirements Course	3		X	Choose from list of **Depth Requirements** area on POS; A total of 3 hours in this area is required
Major Elective	3		X	Choose from list of **Major Electives** area on POS; A total of 3 hours of electives required
PHY or TEC Approved Elective	3		X	Must be approved by advisor; As needed to bring total in **Physical Science Concentration** to 24 hours; If PHY/TEC elective is not needed, take Free Elective
PHY or TEC Approved Elective	3		X	Must be approved by advisor; As needed to bring total in **Physical Science Concentration** to 24 hours; If PHY/TEC elective is not needed, take Free Elective
Semester Eight: [13-15 Credit Hours]				
Liberal Studies Experience Course 4	3			
Free Elective	10-12			*Take enough Free Electives to reach a minimum of 120 hours required for the degree

General Requirements Summary				
Minimum Total Hours	Gen Ed. Hours	Writing	Minimum	
			Major GPA	Overall GPA
120	44	RC 1000 and RC 2001	2.0	2.0

All MAT and STT courses and all courses in Major Requirements area on Program of Study count in major GPA.

Course Subject and Title	Credit Hours	Min. Grade Required	Included in Major GPA	Important Notes POS = Program of Study

General Education Program Model - 44 Semester Hours Total		
Program Categories	Hours	Important Notes – *Be sure to check for Gen Ed courses required in your major*
First Year Seminar	3	Can be taken first or second semester of freshman year
Wellness Literacy	2	
Quantitative Literacy	4	
First Year Writing	3	Can be taken first or second semester of freshman year
Sophomore Writing	3	
Integrative Learning Experience	9	Must choose a minimum of two disciplines
Liberal Studies Experience	12	Must choose a minimum of three disciplines
Science Inquiry	8	
You must also meet the Fine Arts, Literary Studies, Historical Studies, and the Social Science Designations. Those may be met within the Integrative Learning Experience and the Liberal Studies Experience.		

Additional Notes:

- Please consult with your advisor to ensure you will complete the appropriate number of free electives as needed to reach the 120 total hours required for your degree.
- Residency Requirements:
    - 30 hours must be from ASU
    - 18 hours in the major must be from ASU
    - 9 hours in the minor must be from ASU